

ABSTRACT

A method of removing components of an injection mold machine having a core assembly and a cavity assembly, the method including the steps of: (a) moving the core assembly and the cavity assembly into a closed position whereat a cavity insert and a core insert are mated together; (b) securing a core plate to a cavity plate, thereby forming a mold module; (c) releasing a securing means which secures the cavity plate to a manifold plate; (d) opening the mold from the closed position, until a first cavity plate disengages the manifold plate and all connections thereto, (e) releasing a securing means which secures the core plate to a master core plate; and (f) lifting the mold module in a direction perpendicular to a direction of motion between the open and closed position, the module being guided in the perpendicular direction by the guide means.